

Tony Dailey

Fort Collins, CO
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Professional Summary

Mechanical manufacturing professional with more than 20 years of experience in mechanical assembly, construction, hydraulics, pneumatics, electrical systems, and blueprint interpretation. Spartan Motors certified with extensive experience building custom fire apparatus, including installation of water pump systems (750–4,500 GPM), high-pressure breathing air systems (up to 6,500 PSI), foam suppression systems, plumbing manifolds, valves, hose reels, and pump controls. Known for producing high-quality work, troubleshooting complex systems, and maintaining exceptional safety standards.

Core Qualifications

Mechanical Assembly
Fire Apparatus Assembly
Blueprint & Schematic Interpretation
Water Pump Systems (750–4,500 GPM)
High-Pressure Breathing Air Systems (Up to 6,500 PSI)
Foam Suppression Systems
Pump Controls & Plumbing Manifolds
Hydraulic Systems
Pneumatic Systems
Electrical Wiring & Component Installation
Quality Control & Functional Testing
Mechanical Troubleshooting
Hand & Power Tools
OSHA Safety Practices

Professional Experience

Mechanical Assembler | MGS, Inc.

Fort Collins, CO
June 2025 – Present

Assemble equipment using engineering drawings and blueprints.
Install hydraulic and electric brake systems.
Install electrical wiring, lighting, and mechanical components.
Inspect completed assemblies to ensure quality and safety standards.

Mechanical Assembler | SVI Trucks

Fort Collins, CO
April 2017 – August 2021

Built custom fire apparatus from engineering blueprints and detailed work instructions.

Installed and tested water pump systems ranging from 750 GPM to 4,500 GPM.

Installed and assembled high-pressure breathing air systems rated up to 6,500 PSI.

Installed foam suppression systems, hose reels, valves, plumbing manifolds, and pump control systems.

Installed hydraulic, pneumatic, electrical, and mechanical components.

Routed and connected plumbing, electrical wiring, and control systems.

Performed quality inspections, functional testing, and troubleshooting.

Collaborated with production, engineering, and quality teams to deliver completed apparatus on schedule.

Flagger / Traffic Control | Barnard Construction

Loveland, CO

December 2023 – July 2024

Directed heavy construction traffic safely and participated in daily safety meetings.

Street Sweeper Operator | All Sweep

June 2022 – April 2023

Operated and maintained commercial street sweeping equipment.

Driver | Estes Park Shuttle

Estes Park, CO

September 2021 – June 2022

Transported passengers safely while maintaining an excellent driving record.

Owner / Installer | Ft. Collins Flooring

Fort Collins, CO

April 1999 – June 2016

Owned and operated a flooring installation business, managing projects and customer service.

Education

Aims Community College

Automotive Technology Coursework

Certifications & Specialized Training

Spartan Motors Certified – Training completed in Lansing, Michigan

Non-CDL Class C

Forklift Experience